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PTO/SB/01 (12-97)  
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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	24717-705
	First Named Inventor	John G. Leddy
	<i>COMPLETE IF KNOWN</i>	
	Application Number	09/903,441
	Filing Date	July 10, 2001
	Group Art Unit	2152
	Examiner Name	Unassigned

As a below named inventor, I hereby declare that.

My residence, post office address, and citizenship are as stated below next to my name

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ROUTING INFORMATION EXCHANGE**

(Title of the Invention)

the specification of which  
☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) 07/10/2001 as United States Application Number or PCT International

Application Number 09/903,441 and was amended on (MM/DD/YYYY) ☐ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto


I hereby claim the benefit under 35 U.S.C. 119(h) of any United States provisional application(s) listed below

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto
60/241,450	10/17/2000	
60/275,206	03/12/2001	

(Page 1 of 2)

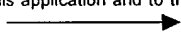
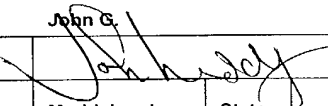
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DECLARATION — Utility or Design Patent Application							
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not designated in the prior United States or PCT international application in the manner provided by the first paragraph of 31 U.S.C. 112 I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application							
U.S. Parent Application or PCT Parent Number				Parent Filing Date (MM/DD/YYYY)		Parent Patent Number (if applicable)	
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto.							
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <input checked="" type="checkbox"/> Customer Number <u>021971</u>  <div style="border: 1px solid black; padding: 2px; display: inline-block;">Place Customer Number Bar Code Label here</div>							
OR <input type="checkbox"/> Registered practitioner(s) name/registration number listed below							
Name		Registration Number		Name		Registration Number	
<input type="checkbox"/> Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto							
Direct all correspondence to <input checked="" type="checkbox"/> Customer Number or Bar Code Label <u>021971</u> OR <input type="checkbox"/> Correspondence address below							
Name		Kenta Suzue					
Address		Wilson Sonsini Goodrich & Rosati					
Address		650 Page Mill Road					
City		Palo Alto			State	CA	ZIP 94304
Country		U.S.	Telephone	650-493-9300		Fax	650-493-6811
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
Name of Sole or First Inventor:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
John G.				Leddy			
Inventor's Signature						Date	10/15/01
Residence: City		Marblehead	State	MA	Country	US	Citizenship US
Post Office Address		1 Corinthian Lane, Marblehead, MA 01947					
Post Office Address							
City		Marblehead	State	MA	ZIP	01947	Country US
<input checked="" type="checkbox"/> Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto							

(Page 2 of 2)

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PTO/SB/02A (3-97)

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 2

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))

Family Name or Surname

Michael A.

Lloyd

Inventor's Signature

*Michael Lloyd*

Date

10/11/01

Residence: City

San Carlos

State

CA

Country

US

Citizenship

US

Post Office Address

160 Arundel Road, San Carlos, CA 94070

Post Office Address

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San Carlos

State

CA

ZIP

94070

Country

US

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))

Family Name or Surname

Sean P.

Finn

Inventor's Signature

*Sean P. Finn*

Date

10.1.2001

City

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State

CA

Country

US

Citizenship

US

Post Office Address

1533 Escondido Way, Belmont, CA 94002

Post Office Address

City

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State

CA

ZIP

94002

Country

US

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))

Family Name or Surname

James G.

McGuire

Inventor's Signature

*James McGuire*

Date

10/12/01

City

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State

CA

Country

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Citizenship

US

Post Office Address

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US

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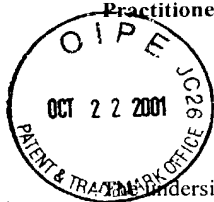
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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>2</u> of <u>2</u>
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<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Omar C.				Baldonado			
Inventor's Signature	<i>Omar C. Baldonado</i>					Date	10/12/01
Residence: City	Palo Alto	State	CA	Country	US	Citizenship	US
Post Office Address 700 Alester Avenue, Palo Alto, CA 94303							
Post Office Address							
City	Palo Alto	State	CA	ZIP	94303	Country	US
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Herbert S.				Madan			
Inventor's Signature	<i>Herbert Madan</i>					Date	10/12/01
City	Tiburon	State	CA	Country	US	Citizenship	US
Post Office Address 347 Blackfield Drive, Tiburon, CA 94920							
Post Office Address							
City	Tiburon	State	CA	ZIP	94920	Country	US
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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**POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR**  
**UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS**

The undersigned ASSIGNEE of the entire interest in:

- ☐ U.S. Patent No. \_\_\_\_  
☒ U.S. application no. 09/903,441, filed on July 10, 2001

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hereby appoints the following attorneys of Wilson Sonsini Goodrich & Rosati:

Attorney Name	Reg. No.	Attorney Name	Reg. No.
Paul Davis	29,294	David J. Weitz	38,362
Ofer Matalon	39,439	U.P. Peter Eng	39,666
David J. Abraham	39,554	George Willman	41,378
Kenta Suzue	45,145	Shirley Chen	44,608
John Gilmore	46,375	Jonathan T. Manson	43,774
Keith Witek	37,475		

and all Wilson Sonsini Goodrich & Rosati attorneys registered to practice before the United States Patent and Trademark Office, to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

*(complete one of the following)*

- ☒ a copy of an Assignment attached hereto, which Assignment has been (or is herewith) forwarded to the Patent and Trademark Office for recording; or
- ☐ the Assignment recorded on \_\_\_\_ at reel \_\_\_\_, frames \_\_\_\_ - \_\_\_\_.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE.

Direct all correspondence and telephone calls to:

Name	Kenta Suzue					
Address	Wilson Sonsini Goodrich and Rosati					
Address	650 Page Mill Road					
City	Palo Alto	State	CA	Zip	94304	Customer No.: 021971
Country	USA	Telephone	(650) 493-9300	Fax	(650) 493-6811	

ASSIGNEE: RouteScience Technologies, Inc.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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# ASSIGNMENT OF APPLICATION

Docket Number 24717-705

Whereas, the undersigned

- 1 LEDDY, John G.  
Marblehead, MA 01947
- 2 LLOYD, Michael A  
San Carlos, CA 94070
- 3 FINN, Sean P.  
Belmont, CA 94002
- 4 MCGUIRE, James G.  
San Francisco, CA 94019
5. BALDONADO, Omar C.  
Palo Alto, CA 94304
6. MADAN, Herbert S  
Tiburon, CA 94920

hereinafter termed "Inventors", have invented certain new and useful improvements in

## ROUTING INFORMATION EXCHANGE

- ☒ for which an application for United States Patent was filed on July 10, 2001, Application No. 09/903,441  
☐ for which an application for a United States Patent was executed on     , and

WHEREAS, RouteScience, Technologies, Inc., having a place of business at 167 2<sup>nd</sup> Avenue, San Mateo, CA 94401, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention, (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications, and (d) in and to each and every reissue or extensions of any of said patents

2 Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications, (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention, (d) for filing and prosecuting applications for reissuance of any said patents, (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3 The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4 Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below

Date: 10/15/01

John G Leddy  
John G Leddy

Date: 10/11/01

Michael A Lloyd  
Michael A Lloyd

Date: 10-11-2001

Sean P Finn  
Sean P Finn

Date: 10/12/01

James G McGuire  
James G McGuire

Date: 10/12/01

Omar C Baldonado  
Omar C. Baldonado

Date: 10/12/01

Herbert S Madan  
Herbert S. Madan